

19990825.qrp v01_n559.qrl.990825

Date: Wed, 25 Aug 1999 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1559

QRP-L Digest 1559

Topics covered in this issue include:

- 1) [48399] Re: Heathkit reflector
by "Tom Bowman" <tbowman@nbn.net>
- 2) [48400] Re: retired, fox group
by "Roy" <ab7ce@email.msn.com>
- 3) [48401] Re: OT: The truth about Altoids
by Bob Nielsen <nielsen@primenet.com>
- 4) [48402] The Fox
by DaveLeDuc@aol.com
- 5) [48403] WTB: CREI Textbooks
by Jim Lowman <jmlowman@ix.netcom.com>
- 6) [48404] Re: 811s
by "Randy Jouett" <rules@bellsouth.net>
- 7) [48405] Re: VE3DNL kit mod
by Bob Hightower <ki7mn@extremezone.com>
- 8) [48406] Paddles
by "Dave Pomeroy" <dave_pomeroy@voyager.net>
- 9) [48407] Re: OT: The truth about Altoids
by wb2vuo@juno.com
- 10) [48408] Re: OT: The truth about Altoids
by Kevin Gibson <kgibson@bresnanlink.net>
- 11) [48409] Re: Paddles
by "John Moriarity" <k6qq@hdo.net>
- 12) [48410] doubler help
by Torell Kent-P12255 <Kent_Torell-P12255@email.mot.com>
- 13) [48411] QRP's mailed
by "Paul Harden, NA5N" <na5n@rt66.com>
- 14) [48412] FS Portable antenna solutions
by Joe Everhart <n2cx@voicenet.com>
- 15) [48413] Wire / Rope Ant = 2 el 40mtr quad
by hamjoel@juno.com
- 16) [48414] Altoids truth
by "Walter D. Amos" <k8cv@netzero.net>
- 17) [48415] Re: doubler help neede
by Joe Everhart <n2cx@voicenet.com>
- 18) [48416] RE: Wanted MC1554G data sheet
by Joe Everhart <n2cx@voicenet.com>
- 19) [48417] Re: 811s

- by "Randy Jouett" <rules@bellsouth.net>
- 20) [48418] NEC Question
by "Ron Polityka" <wb3aal@talon.net>
- 21) [48419] FS portable antenna solutions
by N10DL@aol.com
- 22) [48420] FS: Ten Tec Model 645 "Ultramatic Keyer"
by "Tim Cook" <timcook@erinet.com>
- 23) [48421] Need single-band CW rig recommendation
by "Peter Wang" <KF5ND@arrl.net>
- 24) [48422] Which band to choose ?
by "Peter Wang" <KF5ND@arrl.net>
- 25) [48423] !!! FOXHUNT 2000 ANNOUNCEMENT !!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 26) [48424] CW not necessarily QRP, but close enough
by john d langridge <kb5njd@juno.com>
- 27) [48425] ok, lets try this again.. CW NET
by john d langridge <kb5njd@juno.com>
- 28) [48426] Re: Eveready Energizers and other batteries
by Tim Ahrens <tahrens@hilconet.com>
- 29) [48427] Re: Need single-band CW rig recommendation
by "John J. McDonough" <jjmcd@tm.net>
- 30) [48428] Soundblaster Scope-Spectrum analyzer site?
by Terry Bendell <terryb@bmts.com>
- 31) [48429] Re: Which band to choose ?
by "Robert P. Okas" <vintage@best.com>
- 32) [48430] Re: !!! FOXHUNT 2000 ANNOUNCEMENT !!!
by "Roy" <ab7ce@email.msn.com>
- 33) [48431] a new fox team
by Jack Bryant <Jack.Bryant@math.tamu.edu>
- 34) [48432] RE: Paddle Recommendations for AB7ZV
by "KEVIN F GLYNN" <KFGLYNN@prodigy.net>
- 35) [48433] QRPp Subscribers Please Read + Summer QRPp Mailed
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 36) [48434] Re: QST Sept issue
by Phil Wheeler <w7ox@mindspring.com>
- 37) [48435] Re: OT: Kester Silver Solder
by Phil Wheeler <w7ox@mindspring.com>
- 38) [48436] Re: Need single-band CW rig recommendation
by Phil Wheeler <w7ox@mindspring.com>
- 39) [48437] Re: Paddle Recommendations for AB7ZV
by Phil Wheeler <w7ox@mindspring.com>
- 40) [48438] Re: OT: The truth about Altsoids
by guillotstutoring@juno.com
- 41) [48439] 3D2QB Fiji
by charles k brown <n4so@juno.com>
- 42) [48440] Re: Altsoids truthFrom A to Z.
by guillotstutoring@juno.com
- 43) [48441] More details on FCC ULS

- by "rohre" <rohre@arlut.utexas.edu>
- 44) [48442] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
by "Ron Polityka" <wb3aal@talon.net>
- 45) [48443] Re: 811 ??
by "Donny Sirait" <dsirait@centrin.net.id>
- 46) [48444] fox
by "Walter D. Amos" <k8cv@netzero.net>
- 47) [48445] New FCC ULS
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 48) [48446] For sale or trade
by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
- 49) [48447] Re: Which band to choose ?
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 50) [48448] Re: OT: The truth about Altoids
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 51) [48449] RE: Eveready Energizers and other batteries
by Dave Barrett <DBarrett@creo.com>
- 52) [48450] Re: [HeathKit] HW-100 manual
by Drbob92031@aol.com
- 53) [48451] thumb for dits
by Dave Pomeroy <dave_pomeroy@yahoo.com>
- 54) [48452] Ten - Tec Scout?
by Donald Jones <djones@ckc.com>
- 55) [48453] Scatter Shot Gunners team
by Jack Bryant <Jack.Bryant@math.tamu.edu>
- 56) [48454] Re: Eveready Energizers and other batteries
by Michael Maiorana <mikemo@ibm.net>
- 57) [48455] AR-QRP 40m Net tonight
by Robsparks@aol.com
- 58) [48456] SD-20 or Black Widow
by Phil Wheeler <w7ox@mindspring.com>
- 59) [48457] RE: fox
by "Andreas Junge" <Andreas@atltech.com>
- 60) [48458] returning to list as VE9QRP
by "Bruce G. Robertson" <br Robertson@mta.ca>
- 61) [48459] Re: Eveready Energizers and other batteries
by Bruce Kizerian <kizerian@ced.utah.edu>
- 62) [48460] FS: MFJ 493 memory keyer
by Bruce Grubbs <bog@flagstaff.az.us>
- 63) [48461] Michigan Challenge Contest logs
by "Pete Meier" <pete.meier@lmsna.com>
- 64) [48462] Re: returning to list as VE9QRP
by Chris Cartwright Sr <ccart@phideaux.com>
- 65) [48463] Latest:40 mtr fox hunt Teams
by Bruce Rattray <rattray@gpfn.sk.ca>
- 66) [48464] Re: Feeling Uncomfortable?!?
by Bagswereus@aol.com
- 67) [48465] Re: Ten - Tec Scout?

by igeq100@iupui.edu

68) [48466] Re: thumb for dits
by "Charlie Fitts" <cfitts@neca.com>

69) [48467] Re: More details on FCC ULS
by Bob Nielsen <nielsen@primenet.com>

70) [48468] milliwatt WAS progress report
by Jim Hale <kj5tf@yahoo.com>

71) [48469] Re: !!! FOXHUNT 2000 ANNOUNCEMENT !!!
by Chris Cartwright Sr <ccart@phideaux.com>

72) [48470] Re: doubler help needed
by "Mike Czuhajewski" <wa8mcq@erols.com>

73) [48471] RE: doubler help needed
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>

74) [48472] [Fwd: JOTA]
by Laura A Fisher <wlfisher@bellatlantic.net>

75) [48473] Re: QRPP Subscribers Please Read + Summer QRPP Mailed
by Bruce Rattray <rattray@gpfn.sk.ca>

76) [48474] re: Scout
by Charles Kadesch <chas@digizen.net>

77) [48475] re batteries
by Charles Kadesch <chas@digizen.net>

78) [48476] RE: Ten - Tec Scout?
by "Kory Hamzeh" <kory@avatar.com>

79) [48477] SST info
by tom whalen <wb5qyt@eFortress.com>

80) [48478] 20M vertical input pse
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

81) [48479] Long wire??
by Larry East <w1hue@amsat.org>

82) [48480] Tuna Tin 2 at it again
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

83) [48481] FW: TIN -Reply -Reply
by Jim Ek <JIM-EK@worldnet.att.net>

84) [48482] Re: QRPP Subscribers Please Read + Summer QRPP Mailed
by George F Franklin <w0av@juno.com>

85) [48483] No More NorCal Numbers
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

86) [48484] Sprat 100
by "Graham Firth" <Graham.Firth@BTinternet.com>

87) [48485] Re: Feeling Uncomfortable?!?
by Larry Cahoon <wd3p@juno.com>

88) [48486] Next QRPP
by K2UD@aol.com

89) [48487] Which kit to build, my opinion Part I
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

90) [48488] Re: QRPP Subscribers Please Read + Summer QRPP Mailed
by Jim Lowman <jmlowman@ix.netcom.com>

91) [48489] Re: No More NorCal Numbers

by Jim Lowman <jmlowman@ix.netcom.com>
92) [48490] Another NC20 question
by "Kory Hamzeh" <kory@avatar.com>
93) [48491] RE: MILLIWATING
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
94) [48492] RE: Another NC20 question
by "Kory Hamzeh" <kory@avatar.com>
95) [48493] RE: MILLIWATING
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
96) [48494] BUBBA! The bands will be hot ...
by Torell Kent-P12255 <Kent_Torell-P12255@email.mot.com>
97) [48495] TEST, DON'T READ
by FrConrad@aol.com
98) [48496] WWV Question
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
99) [48497] F.S
by william h ross <k6mgo@juno.com>
100) [48498] Torroid question
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

Date: Tue, 24 Aug 1999 19:07:44 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: <n4so@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48399] Re: Heathkit reflector
Message-ID: <00c601beee85\$79e0f6c0\$32468bd0@tombowma>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check
<http://www.qth.net/>

73,
Tom, WA3REY
-----Original Message-----
From: charles k brown <n4so@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, August 23, 1999 8:18 AM
Subject: Heathkit reflector

>Heathkit had a reflector in July 1997.
>I subscribed to it and tested it out.

Date: Tue, 24 Aug 1999 17:10:12 -0600
From: "Roy" <ab7ce@email.msn.com>
To: <Jack.Bryant@math.tamu.edu>
Cc: <qrp-1@lehigh.edu>
Subject: [48400] Re: retired, fox group
Message-ID: <008401beee85\$d2af08a0\$e5c7fad0@pavilion>

>and think it might be neat to form a diverse team, with no two in the same
>call area. No other restrictions. >if interested.
>
Make another one jack, but already done by the UNDERDOGS.....73

Date: Tue, 24 Aug 1999 16:13:26 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [48401] Re: OT: The truth about Altoids
Message-ID: <19990824161326.D18889@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Aug 24, 1999 at 10:20:53AM -0600, Jeff Francis wrote:
> On Tue, Aug 24, 1999 at 08:24:55AM -0400, Mike Yetsko wrote:
>
> > EMMA Peel!!! Emma Peel, and John Steed. But mainly Emma Peel.
>
> Catherine Zeta-Jones (Entrapment, Zorro, the Haunting, etc).

Now why didn't they cast her as Emma Peel?

w6swe

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Tue, 24 Aug 1999 19:21:38 EDT

From: DaveLeDuc@aol.com
To: qrp-1@lehigh.edu
Subject: [48402] The Fox
Message-ID: <80182c69.24f48302@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Can someone point me to information on "the fox"? I would like to give it a go this fall.

73 Dave K1EPJ

Date: Tue, 24 Aug 1999 16:30:46 -0700
From: Jim Lowman <jmLowman@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [48403] WTB: CREI Textbooks
Message-ID: <37C32B26.8360DDCC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

When I was stationed in Japan from 1971-75 with the USAF, I enrolled in the CREI (Capitol Radio Engineering Institute) home-study program in Electronics Engineering Technology. At that time, I was an air traffic control radar technician, and was planning to use the wallpaper from this program as an additional credential for employment with the FAA when I returned to the US.

Well, to make a long story short, I didn't finish the course, although I had paid for it in advance. After returning from Japan I returned to college, but then became interested in Computer Science, and have been a computer professional since 1978.

By the time that I thought about writing to CREI and requesting the rest of the books that I had paid for, they had apparently gone out of business. At least, there seems to be no trace of them on the web.

Does anyone have any of the binders, with 10 lessons each, for either the basic electronics course, or for any of the areas of specialization beyond the basics?

If so, I'd be interested in buying them, to add to the information resource I have already amassed, thanks to Chuck, Jim Duffy and the members of this list.

72 de Jim - AD6CW

Date: Tue, 24 Aug 1999 18:39:40 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <Karl.Kanalz@optelinc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48404] Re: 811s
Message-ID: <01b001beee89\$fdee84b0\$ade498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Karl.Kanalz@optelinc.com <Karl.Kanalz@optelinc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, August 24, 1999 10:34 AM
Subject: Re: 811s

Hi Karl,

>I sincerely doubt they use "solid silver wire" for the windings of
>the output transformer, Randy.... where did you hear that bit of fluff?

>From Acoustic Research themselves? I'll bet a major portion of that
>\$35,000 price tag is derived from the name "AR" (Acoustic Reasearch),
>rather than from the actual components used to manufacture the amplifier
>(sort of like Mercedes-Benz or the Cadillac trade name).

This "fluff" was obtained from "The Absolute Sound," which is a Hi-Fi audio magazine. There are two AR companies out there, btw. Acoustic Research is mainly into speaker design and manufacturing. Audio Research is mainly into amplification. Both companies try to cover all bases, of course, but Acoustic Research is mainly known as a speaker company, and Audio Research is better known for their amplification in the Hi-Fi world.

Go over to <http://www.audionote.co.uk/> and select Japanese Products. Scroll down the page until you see the "Kageki" amplifier. This is just "one" example of a "kinda high end" amp using silver wire transformers. The large majority of the top-end amps use silver wire transformers, btw.

Another company to check out (if anyone here is interested) is "Lamm

Industries." Just do a search for "Lamm Industries" and see how a "real" amplifier is built.

72/73,

Randy Jouett, AB5NI

Date: Tue, 24 Aug 1999 16:43:30 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: talljazz@teleport.com
Cc: qrp-l@lehigh.edu
Subject: [48405] Re: VE3DNL kit mod
Message-ID: <199908242341.QAA17628@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:19 AM 8/24/99 -0700, you wrote:

>I finally got around to building this little kit, and wanted to use all 4
>different marker freqs (5,10,20 & 40 Khz) without re-soldering a new
>antenna each time. I read Doug's mod (KI6DS), but couldn't locate the
>computer board pins, so I found a 3-pin Molex connector (same kind as used
>on the DSW and 'Elmer 101 rigs for board connections) was a perfect fit for
>spacing of the 3 holes for the 5,10 & 20 Khz outputs. I had to file down
>the pins on the Molex a bit as they are square (square peg-round hole!),
>but then it popped right in leaving me with 3 nice pins that I could clip
>the 6 inch antenna to. I also robbed a pin from another molex for the 40Khz
>hole, so now it's very easy to switch it around for different markers.
>Sorry if this is 'old news', or already posted by someone else-just too
>much fun to figure it out!Thanks again to Jay Bromley for making this kit
>available.

The next step is to connect the pins to a four position switch....I did,
and it works great (I think Doug did the same)! Add an on/off switch, and a
nice box with a 9 volt battery compartment, and you have a real handy,
portable piece of test equipment.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 24 Aug 1999 19:48:36 -0400

From: "Dave Pomeroy" <dave_pomeroy@voyager.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48406] Paddles
Message-ID: <004101beee8b\$31f5a6c0\$3a8f59cf@dave_pomeroy.voyager>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am learning to use Iambic keying. Should I use thumb for dots or the other way around? I want to be like most everyone else so if I get the chance to use someone elses machine I will be able to handle it. Thanks for the help.

Dave Pomeroy KL0TE/8

Date: Tue, 24 Aug 1999 19:49:43 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [48407] Re: OT: The truth about Altoids
Message-ID: <19990824.194945.-168139.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Nick, your taste buds are out of whack!

I go through about 2 tins a week, and would probably finish them all myself except that my wife & daughter beat me to the rest!

No, we have not recently arrived from the UK, but Altoids are the BEST mint, bar none!

BTW: I wash mine down with Jolt Cola or Jolt's new "Cherry Bomb" cherry cola! 73 mg of caffeine per serving, just the picker-upper I need in the early AM! I have to agree with the observation on Denny's coffee, but it still is off my list. Any coffee, even dishwater stuff gives me acute upper-tract gastrointestinitis, the coffee, not the caffeine...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 24 Aug 1999 18:57:39 -0500
From: Kevin Gibson <kgibson@bresnanlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48408] Re: OT: The truth about Altoids
Message-ID: <37C33173.600D4D3@bresnanlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you really want a treat, here's an alternative. I picked up a mini Whitman's Sampler yesterday at Wal-mart. It's a metal box about the same size as Altoids and it's filled with chocolates.

--

kgibson@bresnanlink.net

<http://go.to/kgibson>

ICQ# 27544059
<http://www.icq.com/icqme.html>

Date: Tue, 24 Aug 1999 17:12:50 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <dave_pomeroy@voyager.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48409] Re: Paddles
Message-ID: <01a101beee8e\$924f7480\$06424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> I am learning to use Iambic keying. Should I use thumb for dots or
the
> other way around?

Here we go again!!

Dave, *most* people use the thumb for dits. This is a carryover from the mechanical semi-automatic keys called "bugs".

But I'm sure you'll get lots of advice =8-\

72,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

Date: Tue, 24 Aug 1999 17:17:27 -0700
From: Torell Kent-P12255 <Kent_Torell-P12255@email.mot.com>
To: "'bill hays'" <wj5o@juno.com>
Cc: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [48410] doubler help
Message-ID: <6D3B40A2556FD2118B0D00008C7BA848CBBEC3A@az25exm01.geg.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Bill,

the QRP-Homebuilder's site has added a 6 meter transmitter design that uses a doubler prior to the final. Uses a couple 2n2222's (of course!) Check at the end of the page. Lots of good stuff here.

<http://qrp.pops.net/qrp/transmit.htm>

Kent Torell AB70A p12255@email.mot.com Motorola SSG
480-675-2003(phone) 480-441-8400 (fax)

Date: Tue, 24 Aug 1999 18:25:09 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [48411] QRP's mailed
Message-ID: <Pine.SUN.4.10.9908241744160.8163-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

All of the Spring QRPP's were mailed today, and thus you should be receiving them by the end of the week, early next week. But when you

get it, read it fast, as the summer QRPP's are nearing completion as well. Then, the autumn QRP will be out on time to get things back on schedule.

I wish I could tell you the extreme delay on the Spring QRPP was due to some Y2K thing, a prolonged alien abduction episode or lengthy hassles with my witness-protection program. Truth is, I anticipated some strong delays this summer due to several personal problems, moving, strange work related things, etc. that turned out to be far worse than expected. While all these problems were external to NorCal or Doug Hendricks, Doug stood by as friends do by being patient and supportive all the while ... and taking a lot of heat for late QRPP's on my count. And we all know Doug's energy and work for the hobby is unequalled, not just for NorCal, but to see the hobby as a whole grow, which it has. As a result, I do tend to get defensive when I see him attacked by those who fail to see his determination and sincerity for the whole hobby, and certainly when he is attacked on my count. And yet, he said nothing and took the heat for me. I only hope each of you has such a friend.

The print shop has been reopened and will remain so following some lengthy legal hassles not worth elaborating on; my new computer should be here by the end of the week to replace the one that died in the middle of production (which is why the QRPP cover, Hints & Kinks, etc. was done strictly by hand), and some expensive stuff to repair a damaged press are ongoing now (which is why some streaks along the "gripper" end of some QRPP pages will be seen). And just as important, it will allow me to contribute to qrp-l more regularly once again. I missed you guys!

So please accept my apologies for the lengthy delay in getting the last couple of QRPP's out and for any bad light it might have shed on NorCal.

72, Paul NA5N

PS - This also means the 2N2/40 books are also finally done and more Elmer 101 books printed. A post will follow shortly for those asking about when they will be available again.

Date: Tue, 24 Aug 1999 20:34:21 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [48412] FS Portable antenna solutions
Message-ID: <199908250034.UAA22692@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP'ers!

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Portable dipole design - efficient inverted vee dipole.
Preassembled complete antennas, no tuner needed - you trim to frequency, directions included.

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40-10 meters mono or multiband

Gusher-2L \$25.00 plus \$3.00 postage

Monoband 40-10 meter

Gusher-Classic \$22.00 plus \$3.00 postage

Postage is for US addresses. Contact me for foreign postage

Antennas are usually in stock and will be mailed promptly to US addresses. Contact me for foreign postage info.

For additional info contact:

Joe Everhart, N2CX
214 NJ Rd
Brooklawn, NJ 08030

email: n2cx@voicenet.com

Date: Tue, 24 Aug 1999 20:39:29 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [48413] Wire / Rope Ant = 2 el 40mtr quad
Message-ID: <19990824.204025.-313203.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Highest all bodies:

Well. I been thinking about it for a while now and today I decided ...
why not...

I found four wooden closet rods 14ft long and soldered all my #14
standed ... insulated wire together and made two loops... one driver and
one director for 7.040mhz...

I used the standard formula... $1005 / \text{freq}$ and $975 / \text{freq}$
roughly 142ft and 138ft... I seperated the loops by 14ft.... or .1
wavelength....

I feed the thing horizontal using the top leg of the driven element...
feed it with rad shack 300 ohm foam twinlead... mft tuner matches it
well...

right now I am listening to the 3905 century club ssb was net and net
control is about s9... I am comparing the quad to a sloper... 1/2 wave
45* angle fed at the end with more rad shack foam twinlead...

so far the quad is beating the sloper by at least 2 s units on my
qrp+..... and the signal is stronger than the 1/2 wave end fed wire I
had up for a week or so... it was up 40+ feet... the signal is about 1 to
2 s units stronger....on the quad

First quad I have tried that has worked up heah... wonder what's
wrong... :-)

well.... guess I might try some cw tonite... will post if anything
exciting happens that I can blame on the antenna....

Joel KE1LA

In Maine

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Date: Wed, 25 Aug 1999 00:24:20 +0000

From: "Walter D. Amos" <k8cv@netzero.net>

To: Qrp-l Posts <qrp-l@lehigh.edu>

Subject: [48414] Altoids truth

Message-ID: <37C329A4.7508CD59@netzero.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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Date: Tue, 24 Aug 1999 21:01:39 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [48415] Re: doubler help neede
Message-ID: <199908250101.VAA100858@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Dang, I can't type things right no matter how I try.

As Don, K8AQZ pointed out, I put one too many "l's" in "philips" in the URL I posted. The **correct** one is:

<http://www-us.semiconductors.philips.com/pip/NE612AD>

My poor typing reminds me of the dylectic agnostic who stayed up nights wondering if there really is a dog...

72/73,

Joe E., N2CX

Date: Tue, 24 Aug 1999 21:01:36 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [48416] RE: Wanted MC1554G data sheet
Message-ID: <199908250101.VAA76562@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

Wow thanks for the replies offering data on the MC1554G!

Clark, WA2UNN sent me a .PDF version of the data sheet almost instantly!

FWIW the 1554 is a 1 watt amp usually used for audio. In the past, as I recall, a previous employer used it as an ultrasonic audio amp and I pushed it up to the no-license 160 to 190 KHz band.

With some of these babies in my junkbox I have an alternative to buying LM380/386 devices for my projects!

72/73,

Joe E., N2CX

Date: Tue, 24 Aug 1999 19:28:48 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <jayFreem@direcpc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48417] Re: 811s
Message-ID: <030401beee97\$36eb3850\$ade498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, August 24, 1999 7:12 AM
Subject: Re: 811s

Hi Jay,

>Randy Jouett wrote:

>

>> What would I ask him?

>> Well, it would prolly' go something like this: "Why in the heck does
>> your amp cost \$35,000.00?!" :^). I'd love to hear the "explanations"
>> from that question. Bet there would be a BUNCH of BS slung in that
>> conversation! :^).

>

>The true answer is "Because there are enough fools who will pay that much". :)

I would have to agree with you here, Jay :^).

72/73,

Randy Jouett, AB5NI

Date: Tue, 24 Aug 1999 21:26:01 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [48418] NEC Question
Message-ID: <069001beee98\$cba0b820\$15e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I got a NEC part that has a Tube # FIP14A8T.

Can anyone help me locate a print for the
connections?

Please e-mail me direct!
Thanks in advance!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
ARS # 380	Bumblebee #15

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Tue, 24 Aug 1999 21:24:12 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [48419] FS portable antenna solutions
Message-ID: <873cfc08.24f49fbc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have several of these antennas and have given them as gifts to a few friends who travel. YOU WILL NOT BE SORRY YOU BOUGHT THESE ANTENNAS. I hvae had many great QSO's while traveling. they are ery simple to use. Standard discalimer's, just love these antennas

Aron
N10DL
QRP-L#1326

Date: Tue, 24 Aug 1999 21:27:57 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "[Ten Tec] - Reflector" <tentec@contesting.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48420] FS: Ten Tec Model 645 "Ultramatic Keyer"
Message-ID: <018a01beee99\$14aad6e0\$b1685acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ten Tec Model 645 "Ultramatic Keyer" Super condition, no marks or scratches, works great....\$75 + shipping
Please email direct if interested
Thanks
Tim
NZ8J

Date: Tue, 24 Aug 1999 20:57:57 -0500
From: "Peter Wang" <KF5ND@arrl.net>

To: <qrp-1@Lehigh.EDU>
Subject: [48421] Need single-band CW rig recommendation
Message-ID: <002601beee9d\$4137ba80\$10421ed1@kf5nd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

I'd really like to put together a single-band CW transceiver kit for 30 or 40 m. My requirements:

- a very good sharp, sensitive, stable receiver (prefer superhet)
- good QSK
- RIT
- room for a built-in keyer
- good quality CW note
- 2 or 3 watts out

What do you recommend ?

73s,
Peter Wang KF5ND

Date: Tue, 24 Aug 1999 21:09:13 -0500
From: "Peter Wang" <KF5ND@arrl.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [48422] Which band to choose ?
Message-ID: <002e01beee9e\$d4bf41a0\$10421ed1@kf5nd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Objective - year-round operation, through all parts of the sunspot cycle, day or night, I want to be able to talk to somebody on CW. Being able to have any QSO is more important than DX (although DX is always welcome). I live in the Southern US, so summertime static can be a problem.

I want to build a single-band QRP CW rig. Which band would you choose, and why ?

73s,
Peter Wang

Date: Tue, 24 Aug 1999 22:26:53 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [48423] !!! FOXHUNT 2000 ANNOUNCEMENT !!!
Message-ID: <Pine.OSF.3.95.990824213157.15036I-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here it is gang.

What you and every red-blooded QRP op on the planet (well... at least North America) waits for every year... The FAMOUS QRP-L FOXHUNT!!!

The QRP-L Foxhunt is arguably the world's most popular and LONGEST RUNNING (20 weeks!) QRP operating event. This will be the FIFTH YEAR of the foxhunt, originally started by Chuck Adams.

The foxhunt is designed to get us ON THE AIR, twice during the WEEKNIGHTS and create some noise on and about 7.040MHz. The reports to QRP-L can be humorous themselves, as well as providing valuable 40M propagation information.

MAJOR RULE CHANGES

There will be FORTY Fox this year, each getting ONE SHOT to operate.

ONLY valid QRP-L member QSOs will be counted in the FOX FINAL SCORE

FOXII must post FINAL LOG within 48 hours of the event.

PLEASE READ THE RULES CAREFULLY... I will announce NEXT WEEK when I will begin to ACCEPT APPLICATIONS to be a FOX. Last year, there were over 100 people that wanted one of the 22 FOX SLOTS. This year, there will be FORTY available slots. Pay attention to QRP-L. If you've EVER wanted to be on the receiving end of a pile up, this is your chance!

As usual, the foxhunt begins in LATE OCTOBER - A NOVICE/TECH foxhunt may begin in November.

**** NOTE TO WEBMASTERS ****

Please use the following link to the OFFICIAL RULES on the foxhunt2000
<<http://www.acs.oakland.edu/~prvalko/foxhunt2000.htm>>

The OFFICIAL Foxhunt WEBSITE is:
<<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

T H E Q R P - L F O X H U N T 2 0 0 0

Version 1.00

EXECUTIVE OVERVIEW

The Fox and Hound make a two-way QRP contact exchanging calls, RST, QTH, Name, and either QRP-L Number or RF output power.

DEFINITIONS

QRP = 5 watts or less RF output from the transmitter.
QRP-L = The internet QRP mailing list founded by Chuck Adams K7QO
 (ex:K5F0) and a cast of thousands.
QRO = any power greater than 5 watts.
QTH = State, Province, or Country if outside US/Can.
FOX = the station everyone tries to work. Also know as foxii, the
 fox, the wily one, the bushy tailed SOB, etc.
Hound = any station trying to work the fox. Also known as the hound,
 hunter, hunters, the skunked, the pile-up.
W8KC = Paul Valko, runs the foxhunt. Also known as, =paul= The
 collector of TenTecs and other fine plastics,
 Rule Maker, Rule Definer, Peace Keeper, Butt Kicker, etc.
Split = Classic DX-style operation on two distinctly different
 frequencies.

RULES

1.0 OBJECTIVE - The objective is to HAVE FUN.

1.1 GENERAL FOX GUIDELINES

1.2 Fox try to complete as many two-way, CW, QRP, QSOs - as possible,
 in a single, 2 hour window, between 0000Z and 0600Z. Operation is
 limited to North American evenings of Mon, Tue, Wed, and Thu.

- 1.3 Fox MUST post PRIOR to operation day with useful details such as rig, ant, starting frequency, etc., regarding their operation.
- 1.4 Fox will operate within +/- 10Khz of 7.040 MHz but should make an effort to AVOID operating directly on 7.040.
- 1.5 Fox will call CQ FOX, CQ FOXHUNT, etc.
- 1.6 Fox will be allowed to QSY to avoid QRM.
- 1.7 Fox WILL NOT operate split frequency except to use RIT. This rule is in place to prevent the foxhunt from killing 10KHz of 40M.
- 1.8 A preliminary log of ALL stations worked, must be posted to QRP-L by the Fox, within 24 hours of event completion.
- 1.9 A FINAL log with ONLY QRP-L MEMBER QSOs included, must be posted to QRP-L within 48 hours of event completion.

2.0 GENERAL HOUND GUIDELINES

- 2.1 Hounds ONLY work the Fox.
- 2.2 Hounds ONLY ANSWER the FOX CQ - Hounds DO NOT call CQ FOX.
- 2.3 Hounds must NOT QRM the Fox Frequency after the QSO.
- 2.4 Hounds, work as many Foxii as possible over the 20 weeks of the Foxhunt.
- 2.5 Hound MUST be QRP if giving a qrp-l number.

3.0 EXCHANGE

- 3.1 A successful QSO MUST exchange as a minimum Callsigns, RST, QTH, Name, QRP-L number and/or RF output power.
- 3.2 Any other information exchanged (rigs, ant, etc.) is at the operator's discretion but is superfluous.
- 3.3 Operators are welcome to include superfluous detail in the posted report but the FOX LOG must be posted as detailed in rule 5.3.

4.0 SCORING SYSTEM

- 4.1 One point will be awarded for each successful QSO between QRP-L Members.
- 4.2 Instructions to get your QRP-L Number are at the bottom of this message.

5.0 REPORTING SYSTEM

- 5.1 Fox LOGS MUST be posted to QRP-L per RULES 1.8 and 1.9, above.
- 5.2 Posts to QRP-L Regarding the Foxhunt should begin with "FOX:" to enable filters to do their magic.
- 5.3 The Foxii log shall have the following layout:

GMT	CALL	Sent	Rcvd	QTH	Name	QRP-L	Pwr
0200	W8KC	559	559	MI	PAUL	59	2W
0201	K7QO	559	559	AZ	CHUCK	1	1W
0203	KW6KW		559	599	CA	MAC	1000W

The QSO with KW6KW will NOT BE INCLUDED in the final log because

of the lack of a VALID QRP-L Number

5.4 The Fox is responsible and is to be honorable in reporting scores.

5.5 All information exchanged must be done during the QSO, electronic "fills" via email are not permitted except to correct typographical errors.

5.6 Hounds are encouraged to report both successful AND failed hunts to QRP-L. This event is also a propagation study, you know.

6.0 SPECIAL FOX EVENTS

6.1 A Special Event Fox may pop up once or twice to keep hunters on their toes. Stay tuned to QRP-L for these announcements.

6.2 A Novice Foxhunt will begin sometime in November.

6.3 Any "sub-contest" such as "team competition" is the sole responsibility of the person who decides to run one.

OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number:

RUN QRP-L X GETNR yourcallsign

where "callsign" is your callsign. Send this in the body of a message to LISTSERV@LEHIGH.EDU. Use the word NONE if you don't yet have a callsign.

example: RUN QRP-L X GETNR W8KC

The list of assigned member numbers can also be obtained by emailing to listserv@lehigh.edu the command:

GET QRP-L/MISC MEMBER_NUMBERS.TXT

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 24 Aug 1999 21:39:55 -0500

From: john d langridge <kb5njd@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [48424] CW not necessarily QRP, but close enough
Message-ID: <19990824.213958.-79759.2.KB5NJD@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen:

I have started a cw net to serve my local club, the Southwest Dallas County Amateur Radio club. Our net meets on thursday evenings at 8pm on 28.130Mhz. Everyone is welcome that can hear us. Our original intent was to create a comfortable environment for people wanting to upgrade. We have done this and would like to offer it to others that are of the same interest. Speeds are starting out slow to give our target audience confidence and after we get a few sessions under our belts, we will start moving the speeds up a bit.

Date: Tue, 24 Aug 1999 21:42:47 -0500
From: john d langridge <kb5njd@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [48425] ok, lets try this again.. CW NET
Message-ID: <19990824.214249.-79759.3.KB5NJD@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ok, I accidentally sent a message about a cw net before it was ready. My apologies. spelling and grammar errors and all ;-)

Anyway, for net info, you can check www.swdcarc.org for an article introducing the net or you can direct questions back to me.

73,

John KB5NJD

Date: Wed, 25 Aug 1999 01:23:44 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: ka7you@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [48426] Re: Eveready Energizers and other batteries
Message-ID: <37C38BF0.47535E17@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rod - I can't give you any numbers, but at work they give us batteries for our pagers... a normal duracell will last over a month, but those black/green batteries don't last but a couple of weeks. (those are the ones that they buy too!)

cu

Tim W5FN

Date: Tue, 24 Aug 1999 23:12:30 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <KF5ND@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48427] Re: Need single-band CW rig recommendation
Message-ID: <001201beeea7\$ae0eb0a0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, a 2N2/40 of course. OK, not exactly a kit, but it has all the stuff you want, and an adjustable crystal filter to boot. Even if you go out and buy all the parts new, it's pretty reasonable, too.

Admittedly, collecting the parts is pretty annoying, but it really is a dandy radio. And I got almost everything from 4 places. Could have done it in 3 if I was willing to spend a couple more dollars, but I actually bought parts for 3 rigs - wanted to build one stock and then 2 more hacked up WB8RCR-style, so it was worth the fourth order to save a little. So it's not like it's impossible. My junkbox isn't all that great, only supplied some resistors and maybe a cap or two.

And you get a unique radio, with your very own imprint on it, even if it is only in the selection of case, knobs, etc. And the incredible satisfaction of an actual homebrew rig.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Peter Wang <KF5ND@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, August 24, 1999 10:10 PM
Subject: Need single-band CW rig recommendation

>Hi all,
>
>I'd really like to put together a single-band CW transceiver kit for 30 or
>40 m. My requirements:
>
>- a very good sharp, sensitive, stable receiver (prefer superhet)
>- good QSK
>- RIT
>- room for a built-in keyer
>- good quality CW note
>- 2 or 3 watts out
>
>What do you recommend ?
>
>
>
>73s,
>Peter Wang KF5ND
>

Date: Tue, 24 Aug 1999 23:18:35 +500
From: Terry Bendell <terryb@bmts.com>
To: <qrp-1@Lehigh.EDU>
Subject: [48428] Soundblaster Scope-Spectrum analyzer site?
Message-ID: <199908250314.XAA01458@Alice.BMTS.Com>
MIME-Version: 1.0

Hi Gang

A little while back some kind soul posted a few great sources of Sound
Blaster Scopes and analyzers, could someone please re-post this info?
I had a computer crash and have lost the site info..

73

Terry

Date: Tue, 24 Aug 1999 20:19:17 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@lehigh.edu
Subject: [48429] Re: Which band to choose ?
Message-ID: <Pine.BSF.4.10.9908242016350.19735-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Aug 1999, Peter Wang wrote:

> Which band would you choose, and
> why ?

I like "Me First & The Gimme Gimme's". Dance-able tunes. ;-}

Date: Tue, 24 Aug 1999 21:37:24 -0600
From: "Roy" <ab7ce@email.msn.com>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48430] Re: !!! FOXHUNT 2000 ANNOUNCEMENT !!!
Message-ID: <004e01beeeab\$2653d880\$e1c7fad0@pavilion>

Paul, I would like to be a Montana fox. Roy. AB7CE

Date: Tue, 24 Aug 1999 22:47:56 -0500 (CDT)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-1@lehigh.edu
Subject: [48431] a new fox team
Message-ID: <199908250347.WAA07022@fourier.math.tamu.edu>

The Scatter Shot Gunners are:

Mike K1MG
Pat K0PC
Jack W5TFB
???????????

Our charter is ... it's just for fun. Within that, we will hunt with our scatter guns. Meanwhile, we are recruiting a 6er..

-Jack W5TFB

Date: Tue, 24 Aug 1999 23:48:45 -0400
From: "KEVIN F GLYNN" <KFGLYNN@prodigy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [48432] RE: Paddle Recommendations for AB7ZV
Message-ID: <008001beeeac\$bbe6c000\$f6599cd1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave and gang,

Will have to second two recommendations made thus far: Kent and WBL Design.

I have both and love both.

Stan's (W9WBL) are very smooth, comfortable feel. I switch between both, would highly recommend them.

I tried I believe the Schurr Proffi at Atlanticon in Match and they felt GREAT. Just don't have the bucks for them now, maybe soon though. Think they list for over \$225+?

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 24 Aug 1999 20:59:25 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [48433] QRPp Subscribers Please Read + Summer QRPp Mailed
Message-ID: <01beeeae\$391a55e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul posted earlier that the Spring issue of QRPP was mailed today, and I am happy to report that Summer QRPP was taken to the post office at 4:30 today. Due to things that happen, we were very late with the Spring issue, and somewhat late with the summer and apologize. 2 weeks ago I decided after consulting with Jim to help Paul with the backlog. I took the summer issue of QRPP to a local printer and had it printed here. The summer issue was finished, Paul still had several days to go with the Spring issue printing, and we needed to catch up.

But we were faced with a dilemma. What to do about the guys who's subs expired with the Spring issue? If we came out with the summer issue right behind the spring issue, how were people going to get their renewals in on time? The answer was simple. We sent the summer issue to everyone who had their subscription expire with the spring issue, acting on faith that they will renew. That was over 300 issues, but we felt that it was our responsibility to shoulder this expense and trust in the renewals. After all, the spring issue was very late. So guys, when you get your spring issue and it says that your sub expires with this issue don't panic. Just send Jim a renewal check (PLEASE MARK IT AS A RENEWAL!!). The summer issue is on the way. IF you are mad at us and don't want to continue, then please accept the summer issue as a gift.

I went through the 1400 mailing labels and used a pink highlighter to mark the mailing label if your subs are up. It will say Last Issue: Spring 99 or Last Issue: Summer 99 and that means that your subs need to be renewed.

Yes you read it right, summer QRPP was received from the printer here in California Monday at 4:30 PM, and one of my students and I worked on labeling and bagging them from 6 until 9 PM, and finished them this afternoon in another hour. (That student is a worker, we bagged and labeled 1400 QRPP's in 4 hours!! He wouldn't let me slow down and rest, grin!)

I took them to a small post office just outside of Dos Palos called Santa Rita, and the postmaster there is going to put the first class postage on them tomorrow, and they should go out tomorrow evening. (Very small post offices give great service when you offer to spend over \$1500 in postage!!)

Thanks to all of you for your incredible patience and understanding. I am working right now on the fall issue, and we hope to have it out on time this year (meaning November). By mailing the Summer issue in August, we are close to being back on track, and we hope to be timely from now on.

Paul will still be printing the issues, the farming out of the summer issue was just to help him out of a huge back log. (He has other customers you know!!). Thanks to Paul for the kind words in his posting today. He is a dear friend and I treasure him. 72, Doug, KI6DS

Date: Tue, 24 Aug 1999 21:02:59 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48434] Re: QST Sept issue
Message-ID: <37C36AF3.E1A02829@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the link, Chuck. Just went and did it.

Phil

Chuck Carpenter wrote:

>
> Tony et al,
>
> ULS is the universal licencing system. It became a requirement for all U.
> S. hams on August 16th. According to info in the VE newsletter, you can
> get your ULS number via snail mail. You will need a TIN (tax
> identification number) which for most in the U. S. is their social security
> number.
>
> The web site is <http://www.fcc.gov/wtb/uls/>
>
> By mail, you need form 606
>
> At 09:46 AM 08/24/1999 +0100, Tony Fishpool wrote:
> >Am I the only one that doesn't know what a ULS is? and should I know being
> >the holder of a U.S. callsign.
> >
> >73 (a confused) G4WIF/K4WIF
> >Dartford
> >England
> >
> Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Tue, 24 Aug 1999 21:13:08 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: kory@avatar.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48435] Re: OT: Kester Silver Solder
Message-ID: <37C36D54.903DE8C5@mindspring.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mouser:

Kester 24-7150-8800 "no-clean," 2% silver solder, Mouser
#533-24-7150-8800

About \$20 for a pound of it.

Mouser likely has a web page.

Phil

Kory Hamzeh wrote:

>
> I love using Kester's 62% tin, 36% lead, 2% silver. I've almost run out and
> can't find anymore. Tech America and Fry's use to carry them, but not
> anymore. If anyone can point me to a new source for this type of solder, I
> would really appreciate it.
>
> Thanks,
> Kory
> AC6RN

Date: Tue, 24 Aug 1999 21:19:39 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: KF5ND@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48436] Re: Need single-band CW rig recommendation
Message-ID: <37C36EDB.EA906B4@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd go for a Wilderness NC-40A plus KC-1 keyer/counter:

<http://www.fix.net/~jparker/wild.html>

Phil

Peter Wang wrote:

>
> Hi all,
>

> I'd really like to put together a single-band CW transceiver kit for 30 or
> 40 m. My requirements:
>
> - a very good sharp, sensitive, stable receiver (prefer superhet)
> - good QSK
> - RIT
> - room for a built-in keyer
> - good quality CW note
> - 2 or 3 watts out
>
> What do you recommend ?
>
> 73s,
> Peter Wang KF5ND

Date: Tue, 24 Aug 1999 21:27:41 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: KFGLYNN@prodigy.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48437] Re: Paddle Recommendations for AB7ZV
Message-ID: <37C370BD.43841C81@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KEVIN F GLYNN wrote:

>
> Hi Dave and gang,
>
> Will have to second two recommendations made thus far: Kent and WBL Design.
>
> I have both and love both.
>
> Stan's (W9WBL) are very smooth, comfortable feel. I switch between both,
> would highly recommend them.
>
> I tried I believe the Schurr Proffi at Atlanticon in March and they felt
> GREAT. Just don't have the bucks for them now, maybe soon though. Think
> they list for over \$225+?
>

My Proffis are my favorite, so far. I've played with March paddles (a friend's), which are magnetically "sprung" ala the NorCal paddles, and will have one of those soon.

My first (non-Bencher) paddles were Jones: Very nice, heavy and sturdy (I think they'd survive a 20 ft fall onto concrete!) .. but not as delicate a "touch" as the Schurr Proffi.

Also have two sets of NorCal paddles, one built and painted (base) to match the Wildererness blue radio panels (well, closely) and one close to being finished; nice, but not very heavy (hey, for QRP in the wilderness, not a bad thing!).

But I still enjoy my Kent hand key!

Phil

Date: Tue, 24 Aug 1999 23:33:17 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [48438] Re: OT: The truth about Altoids
Message-ID: <19990824.233317.-929609.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Drill a hole in an Altoid and wind some wire around and through it. An Altoroid?

Does anyone know of a
>good
>alternative use for Altoids. I was wondering if I could use them to
>kill the
>snails in my garden.

Ed Guillot, N5ED, New Orleans, LA
qrp-1#1951, qrparci#3988, ARRL(life)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 25 Aug 1999 01:25:23 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [48439] 3D2QB Fiji

Message-ID: <19990825.052135.7855.4.n4so@juno.com>

3D2QB Fiji was on 14.004 at 0300Z.
Country nr. 48 on the NC-20

Ken Brown N4SO
nr Mobile, AL
NC-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 25 Aug 1999 00:25:23 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [48440] Re: Altoids truthFrom A to Z.
Message-ID: <19990825.002525.-929609.1.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

"Walter D. Amos" writes:
>ZENA the warrior princess loves them eat your heart out!

I always wanted a bite Z's A..

Ed Guillot, N5ED, New Orleans, LA
qrp-1#1951, qrp-parci#3988, ARRL(life)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: 25 Aug 1999 01:03:39 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@lehigh.edu
Subject: [48441] More details on FCC ULS
Message-ID: <n1276579419.49698@msmailgw1.arlut.utexas.edu>

Several points for benefit of overseas hams holding US calls. You do not have

to have a SSN, only if you are otherwise eligible to hold one, such as a resident alien.

For overseas hams, the FCC is going to issue a unique ID no. to each, but they are still working out the details of that application process which will be by mail. You will have to show somehow that you are not otherwise eligible for a USA Social Security No.

For the prospective ham worried about securing your SSN, the FCC has a special secure server you can dial up and log on. They specifically state your SSN will NOT be released in public database. Also, they will request a phone no. in one field of the electronic form, but you may keep your phone private by entering all zeros there, they do not REQUIRE you give them your unlisted phone number.

Hope that helps, but I agree, the SSN was not to be used for non SSN purposes when I got mine!

72, Stuart K5KVH

Date: Wed, 25 Aug 1999 05:12:44 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <ki6ds@dpol.k12.ca.us>
Subject: [48442] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
Message-ID: <003901beeed9\$fe851100\$20e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow Doug,

I know your eyes and marker must have been dry!
I use to write, publish and mail the monthly club bulletin
for a local radio club. It was almost a full time job, I
hope everyone appreciates the effort & trust that goes
into the printing of QRPp.

I know I do!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
ARS # 380	Bumblebee #15

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Wed, 25 Aug 1999 15:50:16 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "QRP Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48443] Re: 811 ??
Message-ID: <199908250944.QAA27159@smtp.centrin.net.id>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,
I think we are suppose to discuss more qrp rather than 811 qro??

Anyway Audiophiles are maniacs in pure sound reproduction
as we are maniacs in pursuing communications with lesser power.

I've been into audio for some time and usually nothing is new in audio
amplification except that audiophiles try to use the best available
materials (they think) for the amplifier and since they have very
limited buyers (audiophiles are very brand fanatic too!) they have to
put a very high price tag for their amp since they have to survive
and it is not rare that they just simply goes out of business.

They can be a bunch of fools depending on how we look upon
them but a hobby is just a hobby as we can be the foolish bunch
of people on the planet to the eyes of people who did not have
any interest on radio communication + challenge??

I think it is our job is to find other cheape tube to replace the 811 if
the audiophiles push the price out of our pocket abilities hi hi and
btw again were supposed to go qrp so who cares???

>From the guy who could not afford to buy a 811

73 de YB6LD/1 qrp-1 2004 Donny yb6ld@arrl.net

Date: Wed, 25 Aug 1999 12:12:35 +0000
From: "Walter D. Amos" <k8cv@netzero.net>
To: Qrp-1 Posts <qrp-1@lehigh.edu>
Subject: [48444] fox
Message-ID: <37C3CFA3.8F1A6A73@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, I'd just like to be a fox, but everybody tells me I'm UGLY !!

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<http://www.netzero.net/download/index.html>

Date: Wed, 25 Aug 1999 08:18:23 -0400
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>
To: <qrp-1@Lehigh.EDU>
Subject: [48445] New FCC ULS
Message-ID: <199908251110.HAA05772@websmtp1.bellsouth.bigfoot.com>

Hi Gang,

Well I took the plunge and used the new FCC
online system to change the address on my
ticket.

You must register with the ULS system --- you
can do that on the FCC webpage. Once your are
registered, yes you must give them your SSN, you
will choose a password , etc. that will allow you
use the online system described below.

The goofy part is you must dial into the the FCC
provided 800 number to establish a connection to
their website via your browser. The FCC prefers
Netscape, in fact they have a special utility that
will automatically download to your computer if you
are using Netscape.... I use Explorer 4.0 so I
didn't get the utility.

I filled out form 606 online by simply answering the questions presented on the screen. It was actually very easy to do. The pain was having to make a new DialUp connection just to access the FCC webpage. I sure would make a lot more sense to use your ISP without dialing the FCC ... oh well.

The bottom line is -- this is a two step process. First register then log onto the website via the FCC access number. I will let you know how long it takes to get my updated license. BTW you CAN NOT renew and update your license at the same time ala the old 610 form. You can only renew your license within 90 days of its expiration date according to the lady I talked to at the FCC help desk.

There is hope, I survived the process relatively unharmed.

72's

Jerry Henshaw
KR5L

Access your e-mail anywhere, at any time.
Get your FREE BellSouth Web Mail account today!
<http://webmail.bellsouth.net>

Date: Wed, 25 Aug 1999 07:36:50 -0500
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [48446] For sale or trade
Message-ID: <C0DFB43A0D57D311B0170000F8BDCA840AE39C@a1rsrv02>
MIME-Version: 1.0
Content-Type: text/plain

The 38 Special and the HTX-100 have been sold.

TANDY PC-6 Pocket Scientific Computer. -- This is a pocket sized computer built about 1986 that runs for a long time on three small button type batteries (book says up to 85 hours). 24 digit dot matrix LCD display. can store up to 10 BASIC programs. I came across this gem and put new batteries in it and it works well. Comes with original manual. Appears not to have been used. \$90.00 or will trade for MFJ 418 Code Tutor. (rather have the code tutor)

email direct if possible to avoid list clutter and I will post promptly if any of these items move.

Steve Brockwell KC5TTY
100 Keeney Rd.
Elgin, OK 73538

Date: Wed, 25 Aug 1999 13:42:14 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <KF5ND@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [48447] Re: Which band to choose ?
Message-ID: <006c01beeeef7\$453e5bc0\$20a732d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Go to my web site, read the FAQs. All you need is there...

Best wishes

...

Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>
ICQ 47220843

Date: Wed, 25 Aug 1999 12:59:22 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <guillotstutoring@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48448] Re: OT: The truth about Altoids
Message-ID: <004d01beeeef1\$462dfaa0\$c542b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Drill holes in em. Put a string thru them and wear them around your neck to keep werewolves and almost everyone else away!
de Steve, W8SFF

Date: Wed, 25 Aug 1999 05:59:37 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'ka7you@juno.com'" <ka7you@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48449] RE: Eveready Energizers and other batteries
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313B04@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Morni'n All

Well, after spending the 10 years repairing electronic 35mm camera's that have flashes built-in I can tell you with some confidence that Duracell's win out any time over Energizers.....

The flashes and film transport system motors need high current capacity in these modern camera's and most cannot be operated on a bench supply because they are designed to work specifically with batteries and literally melt down and short if used on a bench power supply.

The crew of camera tech's I worked with all used Duracell's exclusively because they simply outlast anything else under such heavy current usage. As a point of interest the "commercial usage" cells are not even as good as Energizer's!!

Sorry for the lack of "scientific" data but the facts are nevertheless the facts. :-)

Dave VE7PCC Vancouver BC Canada

-----Original Message-----

From: ka7you@juno.com [mailto:ka7you@juno.com]
Sent: Tuesday, 24 August, 1999 1:55 PM
To: Low Power Amateur Radio Discussion
Subject: Eveready Energizers and other batteries

Does anyone have any info on the capacity difference between the garden variety consumer version of the Eveready Energizer Alkaline C and D cells, and the Industrial (black and green) versions.

The industrial C and D versions are labeled Energizer Industrial Alkaline, and are marked EN93 NEDA 14AC and EN95 NEDA 13AC respectively, and also are marked "Not for retail trade".

I'm curious as to the difference, because they seem to be more costly

when we buy them in significant quantities through an industrial supplier, than the consumer version at many local discount stores in small blister packs.

And Costco has their 'Kirkland' brand of alkaline cells in 20-packs considerably cheaper than any other source I've seen.

Use seems to indicate the Costco "Kirkland" brand are just as good as the other brands, but I have not attempted to do and qualitative testing recently.

Several years ago, my daughter did a science project on batteries, and found in simple experiments, that the Hitachi (best) and Ray-O-Vac (second best) brand alkaline batteries seemed to consistantly be somewhat superior (longer lived) compared to Duracell and Eveready and Radio Shack brands, when used in intermitent flashlight applications. At that time, Costco sold the Hitachi and Duracell brands, and she tested 20 of each of the five brands mentioned, by measurng time to a predetermined cut-off voltage, with a cycling relay, and a digital voltmeter.

I'm just curious about the results of any other experiments which might floating around out there.

Maybe it is time to automate the process and try it again.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

160M thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

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Date: Wed, 25 Aug 1999 09:06:34 EDT

From: Drbob92031@aol.com

To: k6uuz@juno.com, qrp-l@lehigh.edu

Subject: [48450] Re: [HeathKit] HW-100 manual

Message-ID: <801ca67b.24f5445a@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hi Ed;

Read your post and I may be of some help; perhaps.

I had put RIT into my HW100 before it was a standard and had the procedure published in 73 (many years ago) I guess that was my mistake because the next year all the manufacturers had RIT + XIT in their rigs.

There was a problem of tracking the VFO with the simple RIT/XIT I installed.

Look and see if there is a single turn of wire (insulated) around the VFO coil in its enclosure. I found that this single turn altered the VFO /dial tracking by a few MHz and it was very evident as the band edges were approached.

SOLUTION; Remove the turn of wire from the VFO coil; unless you want to keep the RIT/XIT. In that case make a table of the changes so you can mentally adjust for the difference.

72/73 de WA2EAW..Bob

Date: Wed, 25 Aug 1999 07:25:07 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48451] thumb for dits
Message-ID: <19990825142507.18536.rocketmail@web601.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I received several answers and I am going to learn the paddles with my left hand and I am going to use my thumb for the dahs. That way I can operate normal right handed paddles and other people can use my paddle.

Thanks for the help.

Dave Pomeroy KL0TE/8

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 25 Aug 1999 07:29:13 -0700
From: Donald Jones <djones@ckc.com>
To: "'QRP-L - Post Message'" <qrp-l@Lehigh.EDU>
Subject: [48452] Ten - Tec Scout?
Message-ID: <01BEEECB.888BFD00.djones@ckc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

I was wondering if anyone has any comments regarding a Ten Tec Scout?

I am mainly interested in field operations on 80m and 20m.

Are there any for sale?

Don Jones EMC Test Engineer

CKC Laboratories, Inc.
Redmond, WA
425-883-4757

"An open mind is good, so is a open window... but we do put up a screen to keep the bugs out."

Date: Wed, 25 Aug 1999 09:34:01 -0500 (CDT)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-1@lehigh.edu
Subject: [48453] Scatter Shot Gunners team
Message-ID: <199908251434.JAA20073@fourier.math.tamu.edu>

We are:

Mike K1MG
Jack W5TFB
Stan K6XU
Pat K0PC

and it's just for fun!

Date: Wed, 25 Aug 1999 10:50:47 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: DBarrett@creo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48454] Re: Eveready Energizers and other batteries
Message-ID: <37C402C7.496BC0BD@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As another data point, I use Panasonic industrial alkaline batteries, and have found them to work just as well, perhaps better, than the "big names". I get them from Digikey and the prices are very good when you buy a bunch (40-50). 38 cents each for AA.

I've been tempted to do a little testing and see if there is a capacity difference with these batteries. Maybe I will.

It just seems to me that the extra 50% that you pay for duracell or energizers cover the incessant advertising. I don't, however, have any hard data to back that up, just my perception.

Dave Barrett wrote:

>

> Morni'n All
> Well, after spending the 10 years repairing electronic 35mm
> camera's that have flashes built-in I can tell you with some confidence that
> Duracell's win out any time over Energizers.....

--
72 de KU4QO
Mike Maiorana
Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

Date: Wed, 25 Aug 1999 11:55:17 EDT
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [48455] AR-QRP 40m Net tonight
Message-ID: <ae361a91.24f56be5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call. If there are many ops checking in, please be patient while I ask again (and again) for your call: sometimes it sounds like the beginning of Field Day here! When I copy you, I will return your call and AS (stand by) while more call in. When I have everyone's call, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, or running on lemon power, tell us about it! However, try to keep it short, particularly if there are a lot of ops on the list. This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. We welcome volunteer NCSs and new check-ins!

72,

Bob AB5ZD

Date: Wed, 25 Aug 1999 08:19:52 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [48456] SD-20 or Black Widow

Message-ID: <37C40998.53E4E1D@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is a good source for these? I have a couple of projects in mind.

Please reply by email; I've had to suspend the list this am because my main machine has gone into limbo and that is where I store all email. Hopefully, I will have it back in business some time this week.

Phil W7OX

Date: Tue, 24 Aug 1999 08:59:26 -0700
From: "Andreas Junge" <Andreas@atltech.com>
To: <k8cv@netzero.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48457] RE: fox
Message-ID: <000201beee49\$a3f2bc50\$0109010a@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is CW and not ATV !

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Walter D. Amos
> Sent: Wednesday, August 25, 1999 5:13 AM
> To: Low Power Amateur Radio Discussion
> Subject: fox
>
>
> Paul, I'd just like to be a fox, but everybody tells me I'm UGLY !!
> -----
> NetZero - We believe in a FREE Internet. Shouldn't you?
> Get your FREE Internet Access and Email at
> <http://www.netzero.net/download/index.html>
>

Date: Wed, 25 Aug 1999 12:32:39 -0400
From: "Bruce G. Robertson" <b Robertson@mta.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48458] returning to list as VE9QRP

Message-ID: <99082513093204.00960@localhost>

Content-Type: text/plain

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Gang:

It's been about two years since I went to postpone mode on QRP-L -- then as VE3UWL -- in order to finish my Ph.D. work and, more recently, get an academic job. Things haven't changed much around here, I have to say; still good S/N for such a large list. Ed Hare continues to provide fantastic stuff from Newington; Paul Harden, from New Mexico (though I've tried *twice* to build a regen from his plans and failed. Gotta be his fault. :-)

Back then, I operated from a downtown Toronto apartment building and at the family cottage. Well, work has landed me in a small town in the maritime provinces, where we've bought a house with 7 acres of meadow on a hill. Ottawa even gave me my choice of call signs, VE9QRP!

I'm paralyzed by the number of antenna options, limited only by a amazingly small budget. What's more, I'm a few miles from the Tantramar salt marshes where Radio Canada International has their antenna farm. Dandy propagation there, but will it do anything for me here?

It seems so. I'm not too up on pseudo-Brewster angles, Fresnel zones and such, but the 40m vertical I've put in a tree has been winning me QRP dx to the east on a nightly basis. Even made 1000 mi/w! (Does anyone have 1000mi/w on all hf bands?) Other factors: I'm that much closer to Europe, and there's basically just sea between me and them. Funny thing is that NA signals seem way down. Could it be that for the first time in my life I have an antenna with *too* low a max. take-off angle?

My next antenna will be a long-wire, perhaps off-center fed. 70' up 35 feet and fed 5' from one end seems to give some good SWR for 300 ohm line on 21Mhz and 28MHz. (I've been playing with the Elnec demo. Neato!) Somehow it seems that a off-center feed would present an unbalanced load, but according to the books, not..

Here's a tip for new QRP'rs with an rf attenuator in their rigs:

on 30m and up, make sure your preamp is off and engage the attenuator. Assuming the other guy is running 100w, this will give you a good idea of which signals are worth chasing. If you can't hear him with the att. in, chances are good you'll be down in the mud for him. As an added bonus, this will quiet down the operating conditions, making your 2h sit by the radio much more pleasant. Note, you don't want to do this if you're working 2-way QRP or chasing QRP signals, though when I work the QRP contests with my SWL-40, I turn the attenuator all the way up, since I figure most guys are at 5w and I'm

at 1w.

Another thing: I see some folks mentioning that their having no success, and could someone check if they can hear their CQ. Calling CQ (outside of 'tests') is a poor strategy even in QRO operations if what you want is to make a QS0. When you work QRP, it is really unlikely to net you something. What you want to do is answer someone else's CQ, or tail-end a QS0. I have 50 such QRP contacts in my log for each one thru calling CQ.

--

Bruce G. Robertson, Dept. of Classics, Mount Allison University
note my new email address: brobertson@mta.ca
<http://www.java.utoronto.ca/~brucerob>

Date: Wed, 25 Aug 1999 09:30:13 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48459] Re: Eveready Energizers and other batteries
Message-ID: <37C40C05.3C2375A2@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About 15 years ago, when I was working on an artificial ear implant for a medical company, we did life tests on different brands of 9V batteries. The data is no longer available, but Duracells did significantly out perform the other major brands. One surprise was a Panasonic Extra Heavy Duty battery (NOT alkaline) which did nearly as well as some of the alkalines. Our patients verified our tests with their own informal tests.

At the time we could not get Panasonic alkalines. I have since used other types of Panasonic batteries and have been impressed with their capacity and quality. So, without any test data to back me up, I would expect the Panasonic 9V units to do about as well as the Duracells.

A few years later, my son, a ninth grader at the time, evaluated three types of 9 volt batteries, for a science project, Energizer, Duracell, and a Kodak Lithium. The Kodak battery lasted the longest and turned out to be the least expensive in terms of mA/hrs/\$. Duracell was second. I can still remember his entertaining conclusion about Energizer commercials, "they lied!"

More recently, I evaluated Energizers and Duracells, for mechanical robustness. The evaluation was not very detailed or scientific, but one thing stood out. All of the

interconnects in the Duracells were spot welded, while the Energizers used pressure contacts. Normally, this would probably not make a difference, but under severe environmental conditions, such as vibration, temperature extremes, and long-term storage, the difference in construction could be significant.

Hope this helps.

Bruce kk7zz

Date: Wed, 25 Aug 1999 08:44:42 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-l@LeHigh.edu
Subject: [48460] FS: MFJ 493 memory keyer
Message-ID: <3.0.5.32.19990825084442.009a8df0@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,
I'm selling my MFJ 493 "Super Menu Driven Keyer" and MFJ 79 remote control. All my rigs have built in keyers and I don't really use it much anymore. It's got too many features to list here- check it out on MFJ's web site at

<http://www.mfjenterprises.com/keyers/mfj493.html>

It's in excellent condition with manual. I'm asking \$90 and I'll pay UPS ground to the 48 states.

72/73

Bruce, N7CEE
DM45ee
Flagstaff, Arizona USA
bog@flagstaff.az.us

Date: Wed, 25 Aug 1999 12:26:16 -0400
From: "Pete Meier" <pete.meier@lmsna.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [48461] Michigan Challenge Contest logs
Message-ID: <000c01beef16\$8de581e0\$c847fccc@lmsna.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm not sure many of you participated in the Michigan Challenge however if there are any out there who did this note is for you.

Remember to send your logs by September 30th to:

Pete Meier WK8S
4181 Rural
Waterford, MI 48329

Date: Wed, 25 Aug 1999 12:27:22 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48462] Re: returning to list as VE9QRP
Message-ID: <Pine.LNX.4.04.9908251218220.26601-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Aug 1999, Bruce G. Robertson wrote:

> Calling CQ (outside of 'tests) is a poor strategy even in QRO operations
> if what you want is to make a QSO. When you work QRP, it is really
> unlikely to net you something.

Generally I would agree, but my *BEST* (ie lowest) milliwatt effort to date was by calling CQ. When things seem to dry up, and all I hear are 8-landers (no offense) I'll call CQ even at the milliwatt level. After two 3x3's at 10mW, I had a decent rag chew with station in VT. CQ'ing may not help, but it sure doesn't hurt when all else fails :)

BTW, <http://www.dxl.com/solar> shows the flux at just over 200 for yesterday. Gotta get my new roof finished so I can put the antenna back up and play!

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 25 Aug 1999 10:33:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [48463] Latest:40 mtr fox hunt Teams
Message-ID: <Pine.LNX.3.95.990825102640.11279B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...and another Team has been added "just for the fun of it!"....a big
WELCOME to the SCATTER SHOT GUNNERS TEAM!"...

BLUE J's:

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

HOUSTON HOUNDS:

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U
Dan - KK5LD

MANGY MUSHERS:

Pete - NV4V
Paul - VE7CQK
Bruce - N7RR
Ed - K1VP

OKLAHOMA TORNADOS:

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR
Gody - AC6UV

RAIDERS of the LOST RF:

Fred - VE3FAL
Earl - VE6EWM
Bruce - VE5RC
NA6E - Mary

SWAMP RATS:

Tom - N1TP
Mac - KF4KSM
Fred - W2XN
Paul - AJ4Y

SWORDS:

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ
Dan - N8IE

TEAM CRAMP.COM:

OJ - K10J
George - K5VUU
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:

Floyd - NQ7X

UNDERDOGS:

Roy - AB7CE

Gary - AB7MY
Conrad - WS4S
Bob - KI7MN

Dan - N4ROA
Brian - KB9BVN
Ron - KI0II

WESTERN WRANGLERS:

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y
Ron - KU7Y

20th MAINE BENGAL BEARS:

Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

SCATTER SHOT GUNNERS:

Mike - K1MG
Jack - W5TFB
Stan - K6XU
Pat - K0PC

...13 Teams and counting....who's next??.....lots of time left to
form and enter a Team, so just let me know via e-mail please.....this is
shaping up to be another good fun year for the 40 mtr Fox Hunt Team
competition!...please let me know if I have any errors in the list...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 25 Aug 1999 12:34:04 EDT
From: Bagswereus@aol.com
To: JIM-EK@worldnet.att.net, qrp-1@lehigh.edu
Subject: [48464] Re: Feeling Uncomfortable?!?
Message-ID: <750f4378.24f574fc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yes, I do agree with you: re. The use of our SS numbers. I too would like to upgrade but I feel the Federal Government knows way to much about everything. It is after all supposed to be "our" government. I would rather risk gettin "Busted" by the FCC than hand over yet more info. Will "they " someday want as all to wear GPS transponders so they can "just" keep track. It is, of course, for our own benefit....yea right.
Getten busted by the FCC on 40 meters with 5 watts of RF...somehow I don't think so...
Hello is Riley "The Enforcer" around??? hello.....hello....CQ.....CQ.....
Hello
KF6CRQ Bozo

Date: Wed, 25 Aug 1999 11:45:46 -0500 (EST)
From: igeq100@iupui.edu
To: Donald Jones <djones@ckc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48465] Re: Ten - Tec Scout?
Message-ID: <Pine.HPP.3.96.990825113902.12723B-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Don -

I am the happy owner of a TenTec Scout. While I have not used it in the field, it is my home-base QRO rig. Some of its design philosophy may strike one as a little quirky, but it works well. Since it uses a PTO method of frequency control (stabilized by a built-in microprocessor), the tuning knob doesnt have a "free-wheeling" feel. But mine is sensitive and stable; the variable bandwidth filter works very well. My only complaint about its features is the lack of an RF gain control. In the absence of a signal, the background noise level comes up and can be distracting. I have used it only on CW, so I can't comment on its SSB abilities.

By the way, it is definitely not for sale!

72/73,

Richard Meiss, WB9LPU

On Wed, 25 Aug 1999, Donald Jones wrote:

> Hi,
>
> I was wondering if anyone has any comments regarding a Ten Tec Scout?
> I am mainly interested in field operations on 80m and 20m.
> Are there any for sale?
>

> Don Jones EMC Test Engineer
> CKC Laboratories, Inc.
> Redmond, WA
> 425-883-4757
>
> "An open mind is good, so is a open window... but we do put up a screen to keep
the bugs out."
>

Date: Wed, 25 Aug 1999 12:45:53 -0400
From: "Charlie Fitts" <cfitts@neca.com>
To: <qrp-l@Lehigh.EDU>
Subject: [48466] Re: thumb for dits
Message-ID: <199908251650.MAA12626@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Dave - Just food for thought - if you get paddles that are constructed so that you can put you hand over them and operate with the paddles pointing away from you, you can then operate with either hand. I have a set of paddles from Nye Viking that have the contacts covered with a kind of heavy sheet metal cover and I can put my hand right on top of them. This way, it is possible to send with one hand and write with the other (I'm right handed). If you always use your thumb for the dahs (or the dits) when you use either hand, sending with either hand isn't as hard as it sounds.

Charlie Fitts, N1EI

Date: Wed, 25 Aug 1999 09:48:03 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [48467] Re: More details on FCC ULS
Message-ID: <19990825094803.H20623@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Aug 25, 1999 at 01:03:39AM -0500, rohre wrote:

> Several points for benefit of overseas hams holding US calls. You do not have
> to have a SSN, only if you are otherwise eligible to hold one, such as a
> resident alien.
>

> For overseas hams, the FCC is going to issue a unique ID no. to each, but they
> are still working out the details of that application process which will be by
> mail. You will have to show somehow that you are not otherwise eligible for a
> USA Social Security No.

>

> For the prospective ham worried about securing your SSN, the FCC has a special
> secure server you can dial up and log on. They specifically state your SSN
> will NOT be released in public database. Also, they will request a phone no.
> in one field of the electronic form, but you may keep your phone private by
> entering all zeros there, they do not REQUIRE you give them your unlisted
> phone number.

>

> Hope that helps, but I agree, the SSN was not to be used for non SSN purposes
> when I got mine!

Yeah, mine (issued in 1954) even says something like "not to be used
for identification". I'm sure the FCC can easily find unlisted phone
numbers if they want to (the telemarketers seem to do this all the time).

I was able to register with ULS, but when I tried to update my license
(zip code change), I discovered you can only access it with Windows
95/98 and dial-up networking. (Actually I think I can access it from my
system, but it will require messing up my Linux routing and DNS
listings). You can use the Form 605 by mail, or a variation of that
form through a VEC, such as ARRL.

I guess they figure the Internet isn't as secure as their 800 number.

Bob, W6SWE

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Wed, 25 Aug 1999 10:20:24 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [48468] milliwatt WAS progress report
Message-ID: <19990825172024.27157.rocketmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, allot of progress on QSL'ing recently. The bands
have been poor but at least I was able to work on
QSL's.

I have now recieved QSL's for a total of 41 states.
With MS being the latest worked and recieved. Thanks
for the sked Randy, K5UF.

In each case the rig is my QRP+, & WM-2.

I have a sked with a ham in Oklahoma tomorrow and hope
to reduce that state's power from 500mW to a much
lower number. And hope to reduce afew other states
like AR, ME, MI, MT, ND, OH, RI, SD, UT, VT, and WV.
As they are in the 40 - 100mW range. As condx improve,
those states will be reduced.

In the COQRP contest I brought Alabama down from 40mW
to 9mW. This reduces my worked all states total points
(WASTP) by 31mW.

I have worked 45 states so far and still need 5
states. They are, IA, KS, KY, NE, and WY.

Of all the states I've worked, only 2 or 3 are the
results of makeing a sked. Makeing milliwatt contacts
via a sked is the hard way to go. When nature brings
you a new state its likely to be a Q5 contact.
If done by a sked, nature is no longer in charge and
we have the condx to hold us back.

But sometimes in the WAS chase its ok to make skeds
for the last handfull of needed states. As long as
most were done by chance of nature. And makeing a sked
adds a little interesting change to the hunt, IMHO.

Some "purest" may disagree, but thats ok.

With 45 states worked my WASTP is now 1.860 watts. Or
an average of 0.04133w per state.

Thanks to all, 72 - 71's de Jim KJ5TF

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 25 Aug 1999 13:25:57 -0400 (EDT)

From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48469] Re: !!! FOXHUNT 2000 ANNOUNCEMENT !!!
Message-ID: <Pine.LNX.4.04.9908251304580.26601-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 24 Aug 1999, Paul R. Valko wrote:

> 0203 KW6KW 559 599 CA MAC 1000W

I actually met Sandy KW6KW this year at Dayton. He was escorting Joe Walsh WB6ACU around. He tried to give myself and N3BYY tickets to the concert, but we were already scheduled to "appear" with high end paddles at the hospitality suite. And no, he's definitely not a QRPer, I asked :)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 25 Aug 1999 13:40:22 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "wa8mcq" <wa8mcq@erols.com>, <n2cx@voicenet.com>
Subject: [48470] Re: doubler help needed
Message-ID: <199908251748.NAA25367@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

N2CX mentioned his upcoming "Joe's Quickie" on using an NE-602 (or 612, SA-602, -612) as a frequency doubler. His "Quickies" are a series of technical items he's had in the Idea Exchange column (which I write) in the QRP Quarterly for several years; he's up to about #28 or so. The one on the mixer-as-doubler will be in the October issue; I just sent the finished column off to the editor a few days ago. If anyone wants an advance copy of the item on the doubler, I can print out that page or 2 and mail it (unless Joe sends me some really quick e-mail telling me to keep it under wraps until the October QRP Quarterly comes out!). No reimbursement for postage is needed; just send me you street address by e-mail.

73 and queue our pea DE WA8MCQ

Date: Wed, 25 Aug 1999 13:47:43 -0400
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'wa8mcq@erols.com'" <wa8mcq@erols.com>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [48471] RE: doubler help needed
Message-ID: <B9A5540E55F7D211BE830000D11AD11E333906@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

No problem Mike!

The whole idea is to share info.

Joe E.

-----Original Message-----

From: Mike Czuhajewski [mailto:wa8mcq@erols.com]
Sent: Wednesday, August 25, 1999 1:40 PM
To: Low Power Amateur Radio Discussion
Subject: Re: doubler help needed

N2CX mentioned his upcoming "Joe's Quickie" on using an NE-602 (or 612, SA-602, -612) as a frequency doubler. His "Quickies" are a series of technical items he's had in the Idea Exchange column (which I write) in the QRP Quarterly for several years; he's up to about #28 or so. The one on the mixer-as-doubler will be in the October issue; I just sent the finished column off to the editor a few days ago. If anyone wants an advance copy of the item on the doubler, I can print out that page or 2 and mail it (unless Joe sends me some really quick e-mail telling me to keep it under wraps until the October QRP Quarterly comes out!). No reimbursement for postage is needed; just send me your street address by e-mail.

73 and queue our pea DE WA8MCQ

Date: Wed, 25 Aug 1999 14:10:59 -0400
From: Laura A Fisher <wlfisher@bellatlantic.net>
To: Dennis Sabito <AB2DX@aol.com>, Gene Filipponi <omham@ix.netcom.com>, "Kg2gl@aol.com" <Kg2gl@aol.com>, "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [48472] [Fwd: JOTA]

Message-ID: <37C431B3.93D388DB@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Henderson, Dan N1ND wrote:

> According to Jean Wolfgang WB3IOS who handles JOTA, this year it starts 0001
> local time October 16 and runs through 2359 local October 17.
>
> Good luck with your participation this year!
>
> 73
>
> Dan Henderson, N1ND
> Contest Branch Manager, ARRL
>
> -----Original Message-----
> From: Laura A Fisher [mailto:wlfisher@bellatlantic.net]
> Sent: Wednesday, August 25, 1999 12:00 PM
> To: n1nd@arrl.org
> Subject: JOTA
>
> Please let me know when the JOTA is this year k2gvc@arrl.net

Date: Wed, 25 Aug 1999 13:14:42 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48473] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
Message-ID: <Pine.LNX.3.95.990825125838.23554B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just want to thank Doug in "public" for the volunteer time he spends helping everyone on the list....I first subscribed to QRPp last year and eagerly awaited my first copy, the Elmer101 Special Issue of QRPp....to make a long story short, it didn't arrive and didn't arrive and I didn't feel very good about that... but Doug came to the rescue and made sure that I did receive a copy...well I just received the Winter 1998 issue of QRPp today and again it was only through Doug's efforts that this

happened...I've been trying to find out through the post office where the problem is happening but so far it's a dead end...HI HI...I shall keep trying...I just keep thinking that if the "commercial" world gave the excellent service that Doug and Jim give to our hobby and amateurs, this world would have a lot less to complain about and maybe people would get along "more better"...thanks again Doug!.... ;-))

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 25 Aug 1999 15:04:08 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@lehigh.edu
Subject: [48474] re: Scout
Message-ID: <37C46858.1942@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Things I like:

- Easy to go QRP by bypassing the final.
- Plug in band modules remind me of the good old days when changing bands took a little effort.
- Clean receive audio.
- Excellent QSK.
- Lots of radio in small box but easy to work on.

-72-
Chas W3KC

Date: Wed, 25 Aug 1999 14:47:23 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@lehigh.edu
Subject: [48475] re batteries
Message-ID: <37C4646B.287E@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone ever done a study to compare them for their corrosive emissions when they expire? Long battery life is important- but, I

personally would trade some of that for a battery that died a little more gracefully and didn't leave such a mess - or, in the worst case, destroying the host circuitry. I know it's best to remove the batteries when the unit isn't being used or at least renew them periodically - but it's hard to keep track of all the battery powered devices around here.
-72 de Chas W3KC-

Date: Wed, 25 Aug 1999 12:32:08 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <djones@ckc.com>
Cc: <qrp-1@lehigh.edu>
Subject: [48476] RE: Ten - Tec Scout?
Message-ID: <001c01beef30\$84eac680\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have one and I take it camping with me. I really like it. If you don't need a full 50 watts, you might want to invest in the K2. Better radio, more features, you don't need to carry around band modules, etc...

Kory
AC6RN

>
>
> Hi,
>
> I was wondering if anyone has any comments regarding a Ten Tec Scout?
> I am mainly interested in field operations on 80m and 20m.
> Are there any for sale?
>
> Don Jones EMC Test Engineer
> CKC Laboratories, Inc.
> Redmond, WA
> 425-883-4757
>
> "An open mind is good, so is a open window... but we do put up a
> screen to keep the bugs out."
>
>

Date: Wed, 25 Aug 1999 12:46:54 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48477] SST info
Message-ID: <37C43A1E.1A19@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gents!

Need a simple cure for getting the rec freq on the SST to be in more line with the xmit freq. They have talked about c-10 making it a variable. Is that the mod for changing the rec freq? Anyone know of a simple RIT mod for the SST?

Great little rig, but most of the stations I talk too are too low in freq and it's driving me crazy!!
Worked a couple of stations on 30 meters the other night....One at 100 mw and the other at 300mw...FUN FUN!!

72, and thanks....WB5QYT...."Have spud will travel!"

PS: Just finished my SW-40+.....NEAT RIG! Going to use it RR mobile this fall and get some pelts!

Date: Wed, 25 Aug 1999 14:38:54 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [48478] 20M vertical input pse
Message-ID: <CODMIBGLIGMFCAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

I've got my hands on a 16 foot "Wonderpole", a telescoping fiberglass crappie rod. I want to make a 20M field vertical out of it using wire strung along its length and some sort of radial or counterpoise system. I realize that a vertical with a poor ground or counterpoise is not a good antenna compared to a dipole at the same height. But I'm trying to make the best vertical I can with what I've got.

Specifically, I am trying to decide if it makes more sense to use the entire length for a near full quarter length radiator, with a few turns at the bottom; or do I intentionally use only the top 12 feet, say, for the radiator with more coil loading?

In the former case, I am forced to use radials lying on the ground, for which many are required to achieve good efficiency according to everything I read. In the latter case, I could slope the radials from the 4 foot level down to ground level and insulate them from ground. Does the raised counterpoise have advantages which justify shortening the vertical element?

I know if I had a 20 foot rod this problem would probably be easier but I don't so my goal is to make the best antenna out of what I do have.

Comments directly to me, please. I'll bet this thread has been hashed out before on the list before I joined.

thanks for the input,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Wed, 25 Aug 1999 14:01:14 -0600
From: Larry East <wlhue@amsat.org>
To: brobertson@mta.ca
Cc: qrp-1@lehigh.edu
Subject: [48479] Long wire??
Message-ID: <3.0.3.32.19990825140114.00928d40@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In a recent post, VE9QRP wrote:

>My next antenna will be a long-wire, perhaps off-center fed. 70' up 35'
>and fed 5' from one end seems to give some good SWR for 300 ohm line on
>21Mhz and 28MHz. (I've been playing with the Elnec demo. Neato!) Somehow
>it seems that a off-center feed would present an unbalanced load, but

>according to the books, not..

Heck, 70ft ain't long! With 7 acres, you can do better than that! :-)

I have a 430ft long-wire strung across the back of my lot and up a small hill to the east. Although it's only 20ft above (relatively poor conducting) ground, it works like gang-busters on 20M and above! It even out performs my multiband (trapped) inverted V (up 36ft) at times on 30M and 40M. Both ends slope to the ground, and I feed it at one end with 50 Ohm coax via a 9:1 matching transformer. SWR is 1.2:1 or less on all bands above 30M.

Don't care what ELNEC might say, the bloody thing works!! :-)

72, Larry W1HUE/7

Date: Wed, 25 Aug 1999 16:04:29 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [48480] Tuna Tin 2 at it again
Message-ID: <37C44C4D.2D1F@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Guys,

Well, I am at it again. :-)

I will be active in West Virginia this weekend in conjunction with the ARRL West Virginia Convention at the Jackson's Mill Convention Center in Weston, WV. If you are in the area, stop by and say hello. I mean "howdy." :-)

My operating schedule is not really firmed up, but here is what I THINK I can manage:

Dates and times are UTC.

8/26, I *may* be on 7039.4 kHz sometime during the evening. Depends on the time I get to a motel and whether I can manage to get my antenna up. Maybe sometime between 2220 and 0000 UTC as a start time, running until about 0200 if I am on. I will probably be in PA.

8/28. I should be on the air by around 0001 UTC. Note, this is Friday

evening in the US, though the date is Saturday, UTC. I have a sked or two starting about 0900 UTC on Saturday morning, with room for more. This 0900-1100 window is probably the best shot for the Western US stations, if any of you need WV 2XQRP.

8/28, 8/29. Saturday evening. I MAY be on the air a bit around 2200-2300, then I expect to be active again later, maybe around 0200-0400 or so.

8/29, Sunday evening. I will be visiting my aunt in MD, but hope to get on the air a bit, maybe as early as 2300, or as late as 0200 the on 8/30 UTC. Can't promise. I may also be able to do another operating stint on 8/30 AM, again around 0900-1100 UTC or so. That 0900-1100 window again is the best shot for those Western states.

I realize my sked is a little vague, but these road trips usually are. The best advice -- get on 40 meters and work lots of QRP stations and give me a call if you hear me. :-)

After that, I hope to be back home after a rather busy travel schedule. Then, I PROMISE to get caught up on my QSLing and plan that DXpedition to Rhode Island or something. I know a number are still waiting for QSLs; please forgive the delay. I will get them ALL out the door sometime next week!

72, Ed Hare, W1RFI
ARRL Lab

Date: Wed, 25 Aug 1999 15:05:38 -0500
From: Jim Ek <JIM-EK@worldnet.att.net>
To: "'Low Power Amateur Radio'" <qrp-l@Lehigh.EDU>
Subject: [48481] FW: TIN -Reply -Reply
Message-ID: <01BEEF0B.BE33D820@102.indianapolis-08-09rs.in.dial-access.att.net>

The back and forth on ULS Registration. For anyone who is interested.

From: Account ULS Comment[SMTP:ulscomm@fcc.gov]
Sent: Wednesday, August 25, 1999 11:39 AM
To: JIM-EK@worldnet.att.net
Subject: RE: TIN -Reply -Reply

Jim Ek,

Yes, the TIN/Call Sign Registration is complete over a secure web secure.

Once this process is complete you are registered to use the ULS system.
The dial-up networking connection is used for on-line filing, all other areas of the ULS are reachable from a regular internet connection.

Will Carroll
FCC Technical Support
202 414-1250

>>> Jim Ek <JIM-EK@worldnet.att.net> 08/25/99 12:23pm >>>
Is the FCC using a secure connection when licenses are being registered for the first time.

Since I don't have anytype of registration to do at this time. From what I have gleaned which could be in error. People connect to the FCC via the Internet and send there social security number et all and then get a unique ID number. When they get the unique ID number then they log off the Internet and attach to the FCC dedicated server.

When the SSAN is transmitted on the Internet is that done on secure line or whatever like e-commerce is supposed to be.

From: Account ULS Comment[SMTP:ulscomm@fcc.gov]
Sent: Wednesday, August 25, 1999 9:20 AM
To: JIM-EK@worldnet.att.net
Subject: TIN -Reply

Jim Ek,

The "Debt collection Improvement Act" states the FCC will not post this information to the public.

Will Carroll
FCC Technical Support
202 414-1250

>>> Jim Ek <JIM-EK@worldnet.att.net> 08/24/99 07:09pm >>>
I have just visited the website for ULS. In a week and a half I will be sitting for my first amateur license exam - "technician."

I concur with the "Debt collection Improvement Act." But the idea of submitting my TIN and have that possibly be ended up being posted as some type of database is most distressing.

Currently for Amateur Radio there are many places on the web that post the Amateur Radio database: Giving Name, Address, callsign, age or date of birth. What reassurance can you give that the TIN submitted will be kept from public view?

Thanks,
Jim Ek

Date: Wed, 25 Aug 1999 15:04:58 -0500
From: George F Franklin <w0av@juno.com>
To: rattray@gpfn.sk.ca
Cc: qrp-1@Lehigh.EDU
Subject: [48482] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
Message-ID: <19990825.150729.-93193.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Bruce and Gang,

I agree with your sentiments about Doug.

The least we can do is double his salary, effective immediately.

72 de George/W0AV

Date: Wed, 25 Aug 1999 13:58:24 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [48483] No More NorCal Numbers
Message-ID: <01beef3c\$929ea7e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, NorCal membership numbers will no longer be issued. We really don't know why we started it, but we have never used them in 7 years, so we are going to discontinue them. Now, everyone knows their NorCal number, they

don't have one!!

72, Doug, KI6DS

Oh, by the way, we sent out 1408 QRPp's with the latest mailing. Those are the active subscribers, the membership is over 3100.

Date: Wed, 25 Aug 1999 19:40:36 +0100
From: "Graham Firth" <Graham.Firth@BTinternet.com>
To: <qrp-1@lehigh.edu>
Cc: "John Leak" <G0bxxo@BTinternet.com>, "Bill Kelsey" <kanga@bright.net>
Subject: [48484] Sprat 100
Message-ID: <003101beef3b\$9e0b4440\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi

It will soon be time to send out the next Sprat magazine. But only to those who have paid their subs!

The labels will be printed on September 5th so if you are not a current member then sorry, I'll not be printing your label.

Renewals to John Leak (g0bxxo@btinternet.com) or your local rep (Bill Kelsey - kanga@bright.net for US & Canadian members)

This will be our 100th issue over the 25 years of the G-QRP club's existence so don't miss it!

72/3

Graham
G3MFJ/W3MFJ

Date: Wed, 25 Aug 1999 20:45:58 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [48485] Re: Feeling Uncomfortable?!?

Message-ID: <19990825.205929.4046.0.wd3p@juno.com>

On Wed, 25 Aug 1999

>Yes, I do agree with you: re. The use of our SS numbers. I too would
>like to
>upgrade but I feel the Federal Government knows way to much about
>everything.

If you guys are worried about the GOVERNMENT knowing too much, you need to think again. My insurance company, and many others use your SS number. In some states it's on your drivers license. So anyone who asks for it for an ID has the number. Your credit card company can tell you where you were when and what you bought. The local video store can likely tell you when you were there and what you rented. Your bank has an awful lot of financial information on you. The credit rating places have a good bit too. Almost none of that information is in the hands of the government. So if you are worried about privacy start somewhere other than with the government.

Now back to radio stuff.....73 de
Larry.....WD3P

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 25 Aug 1999 17:05:30 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [48486] Next QRPP
Message-ID: <2c60c631.24f5b49a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

What perfect timing! I just completed the 2N2/40, subject of the last QRPP. It's time for another project. So Doug, what WILL I be building in the next few weeks? Hint to all: buy shares in Mouser now!

72

Howard Kraus, K2UD

Date: Wed, 25 Aug 1999 14:21:05 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [48487] Which kit to build, my opinion Part I
Message-ID: <01beef3f\$bdcd9ea0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is the first of several installments. Several guys have asked me to post this, having heard my talk at Hamcom about kits. There are a lot of newbies on the list, and that is great. Love to get new blood into the group. You are a breath of fresh air and we welcome your contributions. Some of you are interested in building kits and would like some advice on what to build. Ok, here it comes, but do remember that it is my opinion, not law or fact, just one man's opinion.

If you have never built anything before, or it has been a long time, I suggest that you start with the VE3DNL marker generator kit from the Ft. Smith QRP Group. Jay Bromley, W5JAY is the contact person, and you can contact him by email at w5jay@alltel.net or you can order the kit by sending \$12 (\$10 for the kit, \$2 S&H plus a self addressed mailing label) to:

Jay Bromley
9505 Bryn Mawr Cir.
Fort Smith, AR 72903
USA

What does your \$10 kit do? Well we like to call it a poor man's signal generator. It puts a signal out on every 5, 10, 20 and 40 kHz depending on the output that you select. You can use it to peak up receiver's, set band edges, calibrate dials, find out where you are on the band, etc. etc. etc. It is just a neat piece of test gear that you will use over and over again. The best part is that it is simple, and it works. There is nothing more frustrating than building a project and not being able to get it to work, conversely, there is no greater pleasure (well maybe one that I can think of) than building something and having it work. There are only about 8 parts in this kit, and it is a useful tool when you get done.

Why do I like this kit for the first time builder? All the parts are there, you don't have to worry about finding some esoteric part, it is built on a circuit board (supplied), and the instructions are easy to follow (written by Chuck Adams, K7QO nee K5F0). It is a one evening project and is easy to troubleshoot. The cost is low, and you don't have to hock the house to buy it. All you need for tools are: 25 watt soldering iron, diagonal cutters, electrical solder, and patience.

My advice for project number 1, Build the Ft. Smith QRP Club VE3DNL Marker Generator. I just talked to Jay last night, and he is going to continue to supply this kit. The profits generated from it by the way, go towards putting on the Ft. Smith QRP Forum which is held in the Spring.

Tomorrow, project #2

72, Doug, KI6DS

Date: Wed, 25 Aug 1999 14:13:24 -0700
From: Jim Lowman <jmLowman@ix.netcom.com>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48488] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
Message-ID: <37C45C74.73FC7CEE@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Rattray wrote:

>
> I just want to thank Doug in "public" for the volunteer time he spends
> helping everyone on the list....I first subscribed to QRPp last year and
> eagerly awaited my first copy, the Elmer101 Special Issue of QRPp....to
> make a long story short, it didn't arrive and didn't arrive and I didn't
> feel very good about that... but Doug came to the rescue and made sure
> that I did receive a copy...

I second the motion, Bruce!

I'm keeping my fingers crossed that I get both the Spring and Summer, or hope that Doug has a few extras. My sub ran out with the Winter issue, and it was July before I remembered to send Jim a check - for two years this time, so I don't forget. So, since I missed the deadline technically, it will be my fault.

The two issues of QRPp that were sold at Ft. Tuthill went like hotcakes, which is an excellent tribute to the hard work that Doug, Paul and the others put into getting the magazine into our hands.

72 de Jim - AD6CW

Date: Wed, 25 Aug 1999 14:16:14 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48489] Re: No More NorCal Numbers
Message-ID: <37C45D1D.A9998234@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Hendricks, Doug" wrote:

>
> Guys, NorCal membership numbers will no longer be issued. We really don't
> know why we started it, but we have never used them in 7 years, so we are
> going to discontinue them. Now, everyone knows their NorCal number, they
> don't have one!!

That's OK, Doug...I never could remember mine, anyway! :-)

> Oh, by the way, we sent out 1408 QRPp's with the latest mailing. Those are
> the active subscribers, the membership is over 3100.

Thanks for the stats. Hope I'm among those, although Jim just cashed my
check for QRPp on August 8th, since I didn't get it in until July.

Look forward to seeing you and the gang at Pacificon.

72 de Jim - AD6CW

Date: Wed, 25 Aug 1999 14:34:58 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [48490] Another NC20 question
Message-ID: <000401beef41\$adfcef60\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for all of these questions folks, I like to get things right the first
time.

I just finished section 14, the receiver section and it works very nice.
However, I'm confused about setting the product detector TC6 (page 13, one

paragraph from the bottom, left column). It states "adjust TC6 so that the noise is just a little above zero beat frequency wise and suits your taste". Huh??

Do I just adjust it for the loudest volume??

Kudos to Dave Fifield and the rest of the NC20 team for creating just a great rig! I already did the Gary's 600 HZ filter mod and it sounds great!!

I also broke down and ordered a K2. Couldn't take it anymore!

73,
Kory
AC6RN

Date: Wed, 25 Aug 1999 17:38:02 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [48491] RE: MILLIWATING
Message-ID: <000d01beef42\$1f644ea0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A good antenna... fairly high in the clear,
almost anyone can build by itself, and install
alone or with some help...

A simple power supply... is within reach of
anyone too... An old car battery is a good
example !

A simple, but effective receiver for a single
amateur band is also within reach of
the home constructor (no it will not usually
look nice... but it will pick up stations)
THEN... for a transmitter ?

A MILLIWATT rig... up to 999 milliwatts...
Almost any available hollow state or solid
state active device will DELIVER...
OK...

Here is my proposal:

Let's put all our brains to work, and design
a simple , but effective single band
receiver, that can be built with standard
value parts ... NO TOROIDS !

AND, at least two or three different versions
to accomodate availability of parts
THEN... same goes for simple, easy to build
MILLIWATT transmitters...

THOSE ARE THE KITS that are needed to promote
amateur radio in many countries around the
world...

SOPHISTICATED, STATE OF THE ART TECHNOLOGY
will work for FURTHER PROMOTING THE HOBBY among
the already initiated... THOSE WILL be in
turn promoting the hobby if we can develop
a simple single band CW MILLIWATT station
that can grow in the future , perhaps with
a MODULAR AMPLIFIER...

I am open to pick up all the contributions
and then do something useful with them...

72 and DX

MILLIWATTING is GREAT... just reduced the
input to the SWL20 down to 500 milliwatts
and still get out nicely !!!

Arnie Coro

C02KK

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Home Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Wed, 25 Aug 1999 14:38:52 -0700

From: "Kory Hamzeh" <kory@avatar.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [48492] RE: Another NC20 question

Message-ID: <000501beef42\$39737320\$14ce21c7@tomcat.avatar.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>

> Sorry for all of these questions folks, I like to get things

> right the first

> time.
>
> I just finished section 14, the receiver section and it works very nice.

Ooops, I meant section 13.

Date: Wed, 25 Aug 1999 17:46:31 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [48493] RE: MILLIWATING
Message-ID: <002501beef43\$529b2860\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Little typing mistake...
it should read HOLLOW STATE OR SOLID STATE...
I have had excellent results with a little
one tube rig using the now museum relic
50L6 vacuum tube... crystal controlled,
40 meter rig... AC-DC power supply and
POLARIZED PLUG.. OF COURSE !!!
Keep those nice ideas about simple receivers
and transmitters coming.
I know many potential end users that will
enjoy them a lot !!!
Arnie
C02KK
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Home Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Wed, 25 Aug 1999 14:54:43 -0700
From: Torell Kent-P12255 <Kent_Torell-P12255@email.mot.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [48494] BUBBA! The bands will be hot ...
Message-ID: <6D3B40A2556FD2118B0D0008C7BA848CBBEC3D@az25exm01.geg.mot.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yes indeed, the scorching sun of August will be heating up the afternoon as thousands (hundreds?...) of Bubba operators send forth their signals into the air. Currently old Sol is in a sun-spot sort of mood, and the solar flux is way up there. Along with that is the chance of solar storming :-/ The current 'official' guess is that there will be good propagation; even 10 meters will be open for the first contest in some time! Noontime propagation on 40 meters will be pretty local, but 20 meters will provide mid-continent range, with double-hop east-west coast propagation strengthening towards the end of the contest. 15 meters will be open, and 10 meters also during the entire four hour event. So, get the sunscreen on, run an extension cord for your fan, and spend a couple of sweaty hours trading temperature reports with other like-minded Bubbas! I'll be on 20 and 10 during the later part of the contest ... be there, or you'll wish you had! :-)

Kent Torell AB70A p12255@email.mot.com Motorola SSG
480-675-2003(phone) 480-441-8400 (fax) Scottsdale, AZ

Date: Wed, 25 Aug 1999 17:56:07 EDT
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Subject: [48495] TEST, DON'T READ
Message-ID: <d40243bd.24f5c077@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I've been on AOL about the SPAM. Feels like they solved the problem by cutting my wires.

John+
WB6MFS

Date: Wed, 25 Aug 1999 16:57:02 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-l@lehigh.edu
Subject: [48496] WWV Question
Message-ID: <Pine.LNX.4.04.9908251633050.31779-100000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,

there had been discussion here, and on the K2 reflector as well about WWV/WWVH time and frequency standards broadcasts. folks mentioned that one should zero beat their receiver to the carrier (at 2.5, 5, 10, 15, or 20 MHz), and do it during the quiet periods of the minute. i have a question about the effects of the 100 Hz subcarrier.

a while back i thought i had calibrated my PC-VFO by setting it near 10.00 MHz, and listening for the beatnote in a receiver. i did find a beat note (the wow-wow-wow at 1-2 Hz) and when i zero'd that out by adjusting the PC-VFO, i thought i was done. i did the work during the "quiet periods" when there is no 500 or 600 Hz tone.

while the PC-VFO was running on-frequency, i fed its output to the frequency counter, and got that touched up to read 10.000000.

well, today i was looking at NIST's Time and Frequency divisions web pages:

<http://www.boulder.nist.gov/timefreq/>

and noticed that the BCD info is sent on the 100 Hz subcarrier THROUGHOUT the broadcast.

<http://www.boulder.nist.gov/timefreq/pubs/sp432/fb1.gif>

My question: is the 100 Hz subcarrier messing up what i thought was a decent technique? i did hear decent beat notes, and was able to be rid of them, but am i going to be off in freq (ie, off by 100 Hz or a multiple of 100 Hz?). i never did find secondary "zero's".

thanks in advance.

--adam, ak0p
adam-kanis@uiowa.edu

Date: Wed, 25 Aug 1999 15:20:03 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [48497] F.S
Message-ID: <19990825.152037.-12067.1.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hi everyone,

A friend of mine is selling his equipment, due to health reasons, so here is a chance to get some good gear:

Please contact him directly for price and condition:

His name is Ed, AA7GM, at (541) 683- 1059 or e-mail
"esoults@cyber-dyne.com"

Kenwood TS-850S/AT / 100 Memories

MFJ Differential-T Antenna Tuner Model MFJ-986-Roller Inductor

Kenwood TM-241A FM Transceiver

MFJ-1270 TNC2 Packet Radio Controller

MFJ-1278 Multi-Mode Data Controller-for packet

Kenwood TR-2500 Handheld Transceiver

MFJ-422B/422B-X Electronic Keyer Paddle

Astron RS-10A Power Supply

Astron RS-35M Power Supply

Miscellaneous

Straight Key

Code practice Oscillator

Coax Switches

Keyboard for Windows

Thanks for the bandwidth,

73

Bill, K6MGO

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Date: Wed, 25 Aug 1999 16:44:27 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Brian Buydens <Brian.Buydens@usask.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48498] Torroid question
Message-ID: <Pine.OSF.4.10.9908251643550.27351-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How does one determine the number of windings on a toroid to match impedance. I understand there is a formula for the ratio of turns. Now suppose it is 4:1 This means one could use 4 and 1, 8 and 2, etc. Which is the correct number to choose.

Brian.

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+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                               |
+-----+
| Who is General Failure and why is he trying to read my hard drive? |
+-----+
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End of QRP-L Digest 1559

